

ABSTRACT

A temperature compensated oscillator includes an oscillation circuit (20), a temperature detection circuit (18), and a temperature compensation circuit (30) for keeping the frequency of the output signal of the oscillation circuit (20) substantially constant based on the temperature detection signal from the temperature detection circuit, in which a selection circuit (40) is provided which selects to enable or disable a temperature compensation function of the temperature compensation circuit (30). Accordingly, in a state in which a quartz crystal, an IC chip, and so on are mounted in a package, the temperature compensation function of the temperature compensation circuit (30) is disabled, the oscillation circuit (20) is operated to accurately adjust the temperature characteristics of the quartz crystal itself, and thereafter operation of creating compensation data and storing it into a memory can be subsequently performed.